Monday, 5/7/2007 3:24:07 PM

Kim Johnston User

Process Sheet

Customer

: CU-DAR001 Dart Helicopters Services

Job Number

: 32231

Estimate Number

: 12368

P.O. Number This Issue

: 21/2

: 5/7/2007

S.O. No. : A

Prsht Rev. MA First Issue

: 31177

Previous Run Written By

Checked & Approved By

Comment

06.04.19 New Issue : Est.

Est Rev:B As per ECN #829 06-11-20 JLM

: SMALL /MED FAB

ΚJ

Drawing Name

: DOUBLER ASSEMBLY

: D314010

: 5/10/2007

Part Number **Drawing Number**

: D3140 REV F : N/A

Project Number

Drawing Revision : 112 Material

Due Date

Description:

Qty:

1 Um:

Each

Additional Product

Job Number:



Seq. #:

Machine Or Operation:

Angle

1.0

Comment: Qty.:

1.0000 Each(s)/Unit

Total:

1.0000 Each(s)

Angle

Batch

2.0

D314089

Doubler

Comment: Qty.:

1.0000 Each(s)/Unit

Total:

1.0000 Each(s)

Doubler Batch

MS20426AD34 3.0



Comment: Qty.:

5.0000 Each(s)/Unit

Total:

5.0000 Each(s)

RIVET

Batch

M 102404

RIVET

4.0

SMALL FAB 1

SMALL & MEDIUM FAB RESOURCE 1

Comment: SMALL & MEDIUM FAB RESOURCE 1

Assemble as per Dwg D3140

5.0

QC5

INSPECT WORK TO CURRENT STEP

Comment: INSPECT WORK TO CURRENT STEP

X(

Page 1

Form: mrocess

Dart Aerosp	ace Ltd	l
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W/O:		WORK ORDER CHANGES										
DATE	STEP	PROCEDURE CHANGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector					
			ļ									
Part No	•	PAR #: Fault Category:	NCR: Yes	No DQA	\:	Date: _	57/05119					
			QA:	N/C Closed	l:	_ Date: _						

NCR:		WORK ORDER NON-CONFORMANCE (NCR)										
		Description of NC		Corrective Action Section B				A				
DATE	STEP	Section A	Initial Action Description Sign & Chief Eng Chief Eng Date		Verification Section C	Approval Chief Eng	Approval QC Inspecto					

NOTE: Date & initial all entries

Date: User:

Monday, 5/7/2007 3:24:07 PM

Kim Johnston

Process Sheet

Customer: CU-DAR001 Dart Helicopters Services

Drawing Name: DOUBLER ASSEMBLY

Job Number: 32231

Part Number: D314010

Job Number:



Seq. #:

Machine Or Operation:

Description:

6.0

PACKAGING 1

PACKAGING RESOURCE #1

Comment: PACKAGING RESOURCE #1

Identify and Stock

Location: 27

7.0

QC21



Comment: FINAL INSPECTION/W/O RELEASE

Job Completion



N A. W. 10

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES										
DATE	STEP	PROCEDURE CHANGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector					
	·	·										
Part No	•	PAR #: Fault Category:	NCR: Yes	No DQ	A:	Date:						
			QA:	N/C Close	d:	_ Date: _						

NCR:		WORK ORDER NON-CONFORMANCE (NCR)									
DATE 0755		Description of NC	Corrective Action Section B			Verification		Approval			
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Section C	Approval Chief Eng	Approval QC Inspector			
l											

NOTE: Date & initial all entries



DESIG	N #	DRAWN BY	DART AEROSPAC HAWKESBÜRY, ONTARIO,	
CHEC	KEO \	APPROVED ,	DRAWING NO.	REV. F
	Malk	-#	D3140	SHEET 1 OF 7
DATE		1124	TITLE	SCALE
06.1	10.06		DOOR	итѕ
Α		02.04.18	NEW ISSUE	
В		03.01.23	REMOVE -65/-81/-83; ADD -301/-303	
			CHANGE DELASTEK SPEC.	TEC-77: ADD

06.11.13

Α	02.04.18	NEW ISSUE
В	03.01.23	REMOVE -65/-81/-83; ADD -301/-303
С	04.11.08	CHANGE DELASTEK SPEC. TEC-77; ADD PART MARKING; ADD NOTES 11, 12, 13 CHANGE ANGLE -95/-97/-98 TO 106
D	05.11.23	ADD -103/-104/-105/-106; REMOVE -67
E	06.06.09	1.75 WAS 1.88, 4.75 WAS 4.13 ON -08/-07, 1.00 WAS 1.20 ON -09/-1
F	06.10.06	ADD NOTE 14; CORRECT PART TITLE, NOW D3140-09/-92/-104 SHOWN D3140-10/-91/-103 OPPOSITE

QTY -05	QTY -06	QTY -07	QTY -08	QTY -09	QTY -10	PART NUMBER	DESCRIPTION	
X		<u> </u>	 			D3140-05	DOOR	
	Х					D3140-06	DOOR	
		X	<u> </u>			D3140-07	DOOR	
			X		<u> </u>	D3140-08	DOOR	
		1		Х		D3140-09	DOUBLER ASSEMBLY	
	-		1		Х	D3140-10	DOUBLER ASSEMBLY	
3	3					D3140-57	PAD	
1	1					D3140-59	PAD	
2	2					D3140-61	PAD	İ
2	2					D3140-63	PAD	j
		1	1			D3140-69	PAD	
	-	1	1			D3140-71	PAD	
		1	1			D3140-73	PAD	
		1	1			D3140-75	PAD	
		1	1			D3140-77	PAD	İ
		1	1			D3140-79	PAD	
				1	1	D3140-85	ANGLE	COPY
1	1					D3140-87	DOUBLER	DALTO
				1	1	D3140-89	DOUBLER	IRN TO
		1				D3140-91	DOUBLER ENGIN	JEERING
			1			D3140-92	DOUBLER UNCONTR	DLLED COPY
3	3					D3140-95	DOUBLER SUBJECT TO	AMENDMENT
1						D3140-97	DOUBLER WITH	UT NOTICE
	1					D3140-98	DOUBLER	K ORDER
		1	1			D3140-99	DOUBLER	1223
		2	2			D3140-101	DOUBLER NO.	120
		1				D3140-103	DOUBLER	1 ,
			1			D3140-104	DOUBLER	
		1				D3140-105	DOUBLER	/D\
			1			D3140-106	DOUBLER	
1	1					D3140-241	DOUBLER	Ç
1		1				D3140-301	DOUBLER	j
	1		1			D3140-303	DOUBLER	l .
								ĺ
				5	5	MS20426AD3-4	RIVET	j

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-	DESIGN #	CB	DART AERO HAWKESBURY, O	SPACE LTD INTARIO, CANADA
	CHECKED	APPROVED	drawing no. D3140	REV. F
	DATE		TITLE	SCALE
	06.10.06		DOOR	NTS



COMPOSITE LAYUP & BONDING I.A.W. DELASTEK PROCESS SPEC. TEC-77
MATERIAL STORAGE & HANDLING TO BE I.A.W. DART QSI 006
MAIN LAYUP USES FIBERCOTE E-761/7781 EPOXY FIBERGLASS.
FILL WITH EPOCAST 87269 OR MAGNOBOND 77 A & B AND MA560 FOAM/ NB-51/30 FOAM



FINISH: DUPONT HIGHBUILD GREY PRIMER 1144-S

MAKE PARTS IN ACCORDANCE WITH THE FOLLOWING TOOLS/MOLDS:

PART	TOOL
D3140-05	B30-23000-01T
D3140-06	B30-23000-02T
D3140-07	B30-23000-03T
D3140-08	B30-23000-04T
D3140-57	B30-23000-57T
D3140-61	B30-23000-61T
D3140-63	B30-23000-63T
D3140-69	B30-23000-69T
D3140-71	B30-23000-71T
D3140-73	B30-23000-73T
D3140-75	B30-23000-75T
D3140-77	B30-23000-77T
D3140-79	B30-23000-79T
D3140-89	D3140-89T1
D3140-301	D3140-301T1
D3140-303	D3140-303T1

RELEASED



MATERIAL: 2024-T3 (QQ-A-250/4) 0.032 THICK (M2024T3S.032) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1



MATERIAL: 2024-T3 (QQ-A-250/4) 0.020 THICK (M2024T3S.020) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1



MATERIAL: 5052-H32/H34 (QQ-A-250/8) 0.040 THICK (M5052H32S.040) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1



MATERIAL: POLIMEX TR75 1" THICK 4.5 LB KLEGECELL



ALL DIMENSIONS IN INCHES



TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED



MATERIAL: 6061-T6 (QQ-A-250/11) 0.063 THICK (M6061-T6S.063) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1



DOUBLER TO SIT ON TOP OF FOAM AT THIS LOCATION



DOUBLER TO BE RECESSED FLUSH INTO FOAM AT THIS LOCATION



RUBBER STAMP WITH DART P/N D3140-05/-06/-07/-08 USING MIL-STD-130



PARTS MUST BE SCUFFED WITH 80 GRIT SANDPAPER PRIOR TO ACID ETCH AND ALODINE PER DART QSI 005 4.1



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